CLAIMS

1. A device for sealing a substance in a container, said container having a base and a cylindrical wall extending upwardly from said base, said wall including an inner surface being of an inner diameter, said device including:

a circular disk, said disk having an outer edge, the diameter of said outer edge being smaller than the diameter of said wall inner surface;

a side wall extending outwardly from said disk outer edge, said side wall having an outer edge, said side wall including at least one section extending angularly to said disk;

a lip extending generally horizontally from said side wall outer edge the diameter of the lip being greater than the diameter of said disk inner surface wherein upon insertion of said device into said container, the side wall is caused to flex to allow for said lip diameter, said lip frictionally engaging the inner surface of said container wall.

2. A device as in claim 1 wherein said side wall extends angularly upwardly from said circular disk.

3. A device as in any one of the above claims wherein said side wall outer edge diameter is greater than the diameter of the inner surface of the can wall.

4. A device as in any one of the above claims wherein said side wall is of an arcuate shape.

5. A device as in any one of the above claims wherein said side wall has at least three sections, at least one of which extends outwardly at a different angle to the other two.

6. A device as in claim 5 wherein at least one section extends outwardly at a smaller angle than the other two sections.

7. A device as in any one of the above claims further including a handle to enable for the insertion and removal of said device from the can, said handle extending upwardly from said disk.

8. A device as in claim 1 wherein said handle defines a cavity, said handle being compressible.

9. A device as in claim 8 wherein said handle is in fluid communication through the disk outer edge wherein compressing the handle causes at least some of the air to be evacuated from said cavity and by the lip and subsequent release of the handle causes a partial cavity that aids in the sealing of the device in the container.

10. A device as in any one of the above claims wherein said substance is paint.

11. A device for sealing paint in a can, said device including:

a flat circular disk having an upper and a lower surface said device intended for fitment within said can wherein the lower surface presents a flat surface for seating on the paint when said can is generally vertical, said disk including a circular side wall extending radially angularly upwardly, said side wall having an arcuate profile and including an outer horizontal rim adapted to contact the can wall, said rim having a perimeter diameter that exceeds the diameter of the can.

12. A device as in claim 11 wherein said rim perimeter exceeds the diameter of the can by an amount of some 1.0 percent.

13. A device as in claim 11 or claim 12 wherein the circular side wall extends radially angularly upwards at an angled rise of not less than 10 percent of the can internal diameter.

14. A device for sealing paint as in any one of claims 11 to 13 wherein said device includes a control capable of functioning both as a handle to assist insertion of the device and as a squeeze chamber to assist with air expulsion during insertion of the device.

15. A device as in claim 14 wherein said control means includes a raised cross-sectional mid-portion carried to the extremity of the flat underside of the device in the form of two raised rib members.

16. A device as in any one of the above claims wherein said device is made from moulded thermoplastic plastics.

17. A device as in any one of the above claims where said device is made from transparent material.